



GRAMIN KRISHI MAUSAM SEWA
ICAR RESEARCH COMPLEX FOR NEH REGION
Nagaland Center, Medziphema-797106
Dimapur, Nagaland



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Date: 05.03.19	District: Dimapur	Bulletin No: 19/2019
Weather of preceding week		Weather forecast valid upto 10.03.2019
<ul style="list-style-type: none"> ▪ Light rain occurred the past week ▪ Max and min temperatures ranged 29⁰C to 31⁰C and 11⁰C to 13⁰C, respectively. ▪ Relative humidity varied from 36% to 92%. ▪ Wind speed ranged from 5 to 6 kmph 		<ul style="list-style-type: none"> ▪ Probability of light rain ▪ Max temp is likely to be 23⁰C - 28⁰C and min temp 13⁰C to 14⁰C ▪ Sky is likely to be partly cloudy the coming week ▪ Relative Humidity is likely to range from 19% to 82%. ▪ Wind speed may reach upto 5-6 kmph ▪ Wind may blow from south easterly direction ▪ Weekly cumulative Rainfall: 1mm

WEATHER FORECAST BASED AGROMET ADVISORIES

General Advisories: Short duration pulse crops and green manuring crops like dhaincha, sunnhemp etc should be planted as pre-kharif crop in fallow paddy lowland/ Terrace Rice field to enhance the soil fertility

Main crop	Growth Stage	Pest/Disease	Weather based Agro-Advisories
TRC/WRC paddy	Storage		Keep storage areas, crevices, wooden pallets etc clean by spraying with the recommended insecticide to disinfect insect breeding places. Place sticky traps in the drying and storage areas for rats
Green gram	Site selection/field preparation		For timely sowing of the seeds, site selection and field preparation should be started
Naga king chilli	Nursery preparation	Damping off	Before sowing of seeds, seed treatment should be done with Thiram @2gm/litre of water. Avoid over watering and close spacing to avoid damping off
Assam Lemon			Propagation through cuttings or seeds should be started before the onset of hot weather for citrus.
Okra	Land preparation		Proper tillage. Apply FYM@15-20 tons/ha. Avoid soil compaction.
Cucurbitaceous vegetable	Sowing		Sowing should be carried out in the main field
Poultry	Vaccination of chicks against Ranikhet disease on 5 days old or 5 – 7 days once, one drop in the eyes or nose Chickens showing flu like symptoms should be treated with antibiotic Vendox, N-dox powder. For prevention it should be given for three days and for treatment give for 5 to 7 days.		
Piggery	Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose. Keep floor dry to avoid skin diseases.		
Fishery	Renovate the ponds. Strengthen embankments In case of pond filled with water, check the depth of shallow (less than 2 ft. water level) - harvest the fish or transfer to another pond having sufficient water depth (atleast 3 ft.)		



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Date: 05.03.19	District: Kiphire	Bulletin No: 19/2019
Weather of preceding week		Weather forecast valid upto 10.03.2019
<ul style="list-style-type: none"> ▪ Light rain occurred the past week ▪ Max and min temperatures ranged 26⁰C to 28⁰C and 10⁰C to 11⁰C, respectively. ▪ Relative humidity varied from 25% to 90%. ▪ Wind speed ranged from 4 to 5 kmph 		<ul style="list-style-type: none"> ▪ Probability of light rain ▪ Max temp is likely to be 21⁰C - 25⁰C and min temp 9⁰C to 11⁰C ▪ Sky is likely to be partly cloudy the coming week ▪ Relative Humidity is likely to range from 20% to 88%. ▪ Wind speed may reach upto 4-5 kmph ▪ Wind may blow from south easterly direction <p style="background-color: #ffffcc; margin-top: 5px;">Weekly cumulative Rainfall: 10 mm</p>

WEATHER FORECAST BASED AGROMET ADVISORIES

General Recommendations: In the present weather, start sowing of summer crops

Main crop	Growth Stage	Pest/Disease	Weather based Agro-Advisories
<i>Jhum paddy</i>	Sowing	Blast	<i>To manage blast, use high quality, disease free seeds for sowing, Destroy the infested residue, stubbles, grass and weeds present around the field. They act as a source for the infection</i>
<i>TRC/WRC paddy</i>	Storage		<i>Storage rooms should be physically rodent and bird proof, if possible, place sticky traps in the drying and storage areas for rats.</i>
<i>Potato</i>	Nursery	Brown rot	<i>Try to finish sowing by first week of March to reduce the severity of the disease Sort out the tubers showing disease symptoms before planting to reduce the further chances of disease spread. Healthy seed should be selected.</i>
<i>Rajmash</i>	Vegetative stage		<i>In the present weather, Gap filling should be carried out</i>
<i>Cucurbitaceous vegetable</i>	Sowing		<i>Sowing should be carried out in the main field</i>
<i>Khasi Mandarin</i>	Post harvesting stage		<i>In the present weather, water sprout, diseases and dried/dead twigs of mandarin should be removed after harvesting and cut end pasted with Bordeaux paste</i>
Poultry	Artificial heating through lighting of electric bulb at poultry house during night time may protect the birds from fall of night temperature and reduce the incidence of mortality Chickens showing flu like symptoms should be treated with antibiotic Vendox, N-dox powder. For prevention it should be given for three days and for treatment give for 5 to 7 days		
Piggery	Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose. Keep floor dry to avoid skin diseases.		
Fishery	Harvest the fish in pond having less water depth It is advisable to renovate ponds by removing the bottom mud and allow to dry.		



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Date: 05.03.19	District: Kohima	Bulletin No: 19/2019
Weather of preceding week	Weather forecast valid upto 10.03.2019	
<ul style="list-style-type: none"> ▪ Light rain occurred the past week ▪ Max and min temperatures ranged 20⁰C to 23⁰C and 7⁰C to 10⁰C, respectively. ▪ Relative humidity varied from 35% to 92%. ▪ Wind speed ranged from 5 to 6 kmph 	<ul style="list-style-type: none"> ▪ Probability of light rain on 6th ▪ Max temp is likely to be 19⁰C - 23⁰C and min temp 7⁰C to 8⁰C ▪ Sky is likely to be partly cloudy the coming week ▪ Relative Humidity is likely to range from 28% to 89%. ▪ Wind speed may reach upto 5-6 kmph ▪ Wind may blow from south easterly direction <p style="background-color: #ffffcc; margin: 0;">Weekly cumulative Rainfall: 12 mm</p>	

WEATHER FORECAST BASED AGROMET ADVISORIES

General Advisories: Short duration pulse crops and green manuring crops like dhaincha, sunnhemp etc should be planted as pre-kharif crop in fallow paddy lowland/ Terrace Rice field to enhance the soil fertility

Main crop	Growth Stage	Pest/Disease	Weather based Agro-Advisories
<i>TRC/WRC paddy</i>	Storage		Place sticky traps in the drying and storage areas for rats
<i>Potato</i>	Vegetative stage		
<i>Maize</i>	Land preparation		<i>Early sowing of maize in March-April escapes the attack of most pests and crop rotation should be carried out with other crops as it reduces the pest infestation by interrupting the continuity of the food chain</i>
<i>Cucurbitaceous vegetable</i>	Sowing		<i>Sowing should be carried out in the main field</i>
<i>Khasi mandarin</i>			<i>Prepare basin around the plants followed by mulching with local grasses.</i>
<i>Summer crops</i>			<i>Farmers are advised to go for sowing of summer vegetables like ladies finger, cucurbitaceous crops like gourd, pumpkin, ridge gourd, ash gourd, spine gourd etc. and certified seeds should be use to produce good yield.</i>
<i>Poultry</i>	Vaccination of chicks against Ranikhet disease on 5 days old or 5 – 7 days once, one drop in the eyes or nose Chickens showing flu like symptoms should be treated with antibiotic Vendox, N-dox powder. For prevention it should be given for three days and for treatment give for 5 to 7 days.		
<i>Piggery</i>	Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose. Keep floor dry to avoid skin diseases.		
<i>Fishery</i>	Renovate the ponds. Strengthen embankments In case of pond filled with water, check the depth of shallow (less than 2 ft. water level) - harvest the fish or transfer to another pond having sufficient water depth (atleast 3 ft.)		



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Date: 05.03.19	District: Longleng	Bulletin No: 19/2019
Weather of preceding week		Weather forecast valid upto 10.03.2019
<ul style="list-style-type: none"> ▪ Medium rain occurred the past week ▪ Max and min temperatures ranged 18⁰C to 24⁰C and 10⁰C to 14⁰C, respectively. ▪ Relative humidity varied from 33% to 82%. ▪ Wind speed ranged from 3 to 4 kmph 		<ul style="list-style-type: none"> ▪ Probability of light rain ▪ Max temp is likely to be 21⁰C-25⁰C and min temp 9⁰C to 11⁰C ▪ Sky is likely to be partly cloudy the coming week ▪ Relative Humidity is likely to range from 31% to 80%. ▪ Wind speed may reach upto 2-4 kmph ▪ Wind may blow from south easterly direction ▪ Weekly cumulative Rainfall: 3mm

WEATHER FORECAST BASED AGROMET ADVISORIES

General Recommendations: Short duration pulse crops and green manuring crops like dhaincha, sunnhemp etc should be planted as pre-kharif crop in fallow paddy lowland/ Terrace Rice field to enhance the soil fertility

Main crop	Growth Stage	Pest/Disease	Weather based Agro-Advisories
<i>Jhum paddy</i>	Sowing	Blast	<i>To manage blast, use high quality, disease free seeds for sowing, Destroy the infested residue, stubbles, grass and weeds present around the field. They act as a source for the infection</i>
Potato	Sowing		<i>Treat the tubers with bioagent Trichoderma spp @ 20gm in 1 litre of water for 15-20 mins and shade dry. Regular monitoring of disease should be done.</i>
<i>Maize</i>	Land preparation	-	<i>Early sowing of maize in March-April escapes the attack of most pests and crop rotation should be carried out with other crops as it reduces the pest infestation by interrupting the continuity of the food chain. Use resistant varieties in consultation with your respective agri department.</i>
<i>Brinjal</i>	Nursery		<i>Prepare the nursery bed, the soil should be fine and seeds should be sown thinly in rows 10cm apart and 0.5cm deep. Mulch with dry straw or grass whenever it is necessary.</i>
<i>Summer crops</i>			<i>Farmers are advised to go for sowing of summer vegetables like ladies finger, cucurbitaceous crops like gourd, pumpkin, ridge gourd, ash gourd, spine gourd etc. and certified seeds should be use to produce good yield.</i>
<i>Citrus</i>	Propagation	-	<i>Propagation through cuttings or seeds should be started before the onset of hot weather for citrus. For young trees to encourage good growth, a weed free area should be maintained atleast 4 feet diameter around the young trees.</i>
<i>Poultry</i>		Ranikhet disease	<i>Vaccination of chicks against Ranikhet disease on 5 days old or 5 – 7 days once, one drop in the eyes or nose</i>
<i>Piggery</i>		Swine fever	<i>Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose. Keep floor dry to avoid skin diseases.</i>
<i>Fishery</i>			<i>Renovate the ponds. Strengthen embankments</i>

			In case of pond filled with water, check the depth of shallow (less than 2 ft. water level) - harvest the fish or transfer to another pond having sufficient water depth (atleast 3 ft.)
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Date: 05.03.19	District: Mokokchung	Bulletin No: 19/2019
Weather of preceding week		Weather forecast valid upto 10.03.2019
<ul style="list-style-type: none"> ▪ Light rain occurred the past week ▪ Max and min temperatures ranged 18^oC to 22^oC and 11^oC to 14^oC, respectively. ▪ Relative humidity varied from 35% to 90%. ▪ Wind speed ranged from 4 to 5 kmph 		<ul style="list-style-type: none"> ▪ Probability of light rain on 6th ▪ Max temp is likely to be 21^oC-25^oC and min temp 9^oC to 11^oC ▪ Sky is likely to be partly cloudy the coming week ▪ Relative Humidity is likely to range from 32% to 90%. ▪ Wind speed may reach upto 4-5 kmph ▪ Wind may blow from south easterly direction ▪ Weekly cumulative Rainfall: 14 mm

WEATHER FORECAST BASED AGROMET ADVISORIES

General Recommendations: Short duration pulse crops and green manuring crops like dhaincha, sunnhemp etc should be planted as pre-kharif crop in fallow paddy lowland/ Terrace Rice field to enhance the soil fertility

Main crop	Growth Stage	Pest/Disease	Weather based Agro-Advisories
<i>Jhum paddy</i>	Sowing	Blast	<i>To manage blast, use high quality, disease free seeds for sowing, Destroy the infested residue, stubbles, grass and weeds present around the field. They act as a source for the infection</i>
Potato	Sowing		<i>Treat the tubers with bioagent Trichoderma spp @ 20gm in 1 litre of water for 15-20 mins and shade dry. Regular monitoring of disease should be done.</i>
<i>Maize</i>	Land preparation	-	<i>Early sowing of maize in March-April escapes the attack of most pests and crop rotation should be carried out with other crops as it reduces the pest infestation by interrupting the continuity of the food chain. Use resistant varieties in consultation with your respective agri department.</i>
<i>Brinjal</i>	Nursery		<i>Prepare the nursery bed, the soil should be fine and seeds should be sown thinly in rows 10cm apart and 0.5cm deep. Mulch with dry straw or grass whenever it is necessary.</i>
<i>Summer crops</i>			<i>Farmers are advised to go for sowing of summer vegetables like ladies finger, cucurbitaceous crops like gourd, pumpkin, ridge gourd, ash gourd, spine gourd etc. and certified seeds should be use to produce good yield.</i>
<i>Citrus</i>	Propagation	-	<i>Propagation through cuttings or seeds should be started before the onset of hot weather for citrus. For young trees to encourage good growth, a weed free area should be maintained atleast 4 feet diameter around the young trees.</i>
<i>Poultry</i>		Ranikhet disease	<i>Vaccination of chicks against Ranikhet disease on 5 days old or 5 – 7 days once, one drop in the eyes or nose</i>
<i>Piggery</i>		Swine fever	<i>Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose. Keep floor dry to avoid skin diseases.</i>
<i>Fishery</i>			<i>Renovate the ponds. Strengthen embankments</i>

			In case of pond filled with water, check the depth of shallow (less than 2 ft. water level) - harvest the fish or transfer to another pond having sufficient water depth (atleast 3 ft.)
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Date: 05.03.19	District: Mon	Bulletin No: 19/2019
Weather of preceding week		Weather forecast valid upto 10.03.2019
<ul style="list-style-type: none"> ▪ Light rain occurred the past week ▪ Max and min temperatures ranged 18⁰C to 22⁰C and 11⁰C to 14⁰C, respectively. ▪ Relative humidity varied from 35% to 85%. ▪ Wind speed ranged from 4 to 5 kmph 		<ul style="list-style-type: none"> ▪ Probability of light rain on 6th ▪ Max temp is likely to be 20⁰C - 24⁰C and min temp 8⁰C to 10⁰C ▪ Sky is likely to be partly cloudy the coming week ▪ Relative Humidity is likely to range from 33% to 88%. ▪ Wind speed may reach upto 1- 2 kmph ▪ Wind may blow from south easterly direction <p style="background-color: #ffffcc; margin-top: 5px;">Weekly cumulative Rainfall: 7mm</p>

General Recommendations: Short duration pulse crops and green manuring crops like dhaincha, sunnhemp etc should be planted as pre-kharif crop in fallow paddy lowland/ Terrace Rice field to enhance the soil fertility

WEATHER FORECAST BASED AGROMET ADVISORIES

Main crop	Growth Stage	Pest/Disease	Weather based Agro-Advisories
<i>Jhum paddy</i>	Sowing	Blast	<i>To manage blast, use high quality, disease free seeds for sowing, Destroy the infested residue, stubbles, grass and weeds present around the field. They act as a source for the infection</i>
<i>TRC/WRC paddy</i>	Storage		<i>Inspect the stored seeds once a week for signs of insect infestation. Place sticky traps in the drying and storage areas for rats</i>
<i>Potato</i>	Sowing		<i>Treat the tubers with bioagent Trichoderma spp @ 20gm in 1 litre of water for 15-20 mins and shade dry. Regular monitoring of disease should be done.</i>
<i>Maize</i>	Land preparation	-	<i>Early sowing of maize in March-April escapes the attack of most pests and crop rotation should be carried out with other crops as it reduces the pest infestation by interrupting the continuity of the food chain. Use resistant varieties in consultation with your respective agri department.</i>
<i>Cucurbitaceous vegetable</i>	Sowing		<i>Sowing should be carried out in the main field</i>
<i>Citrus</i>		Leaf miner	<i>Citrus leafminer moths are attracted to the new flush of citrus trees. Avoid pruning live branches more than once a year, so that the cycles of flushing are uniform and short. Once the leaves harden, the pest will not be able to mine the leaves. Do not prune off leaves damaged by citrus leaf miner since undamaged areas of leaves continue to produce food for the tree.</i>
<i>Poultry</i>		Ranikhet disease	<i>Vaccination of chicks against Ranikhet disease on 5 days old or 5 – 7 days once, one drop in the eyes or nose Chickens showing flu like symptoms should be treated with antibiotic Vendox, N-dox powder. For prevention it should be given for three days and for treatment give for 5 to 7 days.</i>
<i>Piggery</i>		Swine fever	<i>Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose. Keep floor dry to avoid skin diseases.</i>

<i>Fishery</i>			<i>Renovate the ponds. Strengthen embankments</i> <i>In case of pond filled with water, check the depth of shallow (less than 2 ft. water level) - harvest the fish or transfer to another pond having sufficient water depth (atleast 3 ft.)</i>
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Date: 05.03.19		District: Peren		Bulletin No: 19/2019	
Weather of preceding week			Weather forecast valid upto 10.03.2019		
<ul style="list-style-type: none"> ▪ Light rain occurred the past week ▪ Max and min temperatures ranged 24^oC to 25^oC and 8^oC to 9^oC, respectively. ▪ Relative humidity varied from 32% to 82%. ▪ Wind speed ranged from 4 to 5 kmph 			<ul style="list-style-type: none"> ▪ Probability of light rain ▪ Max temp is likely to be 20^oC - 24^oC and min temp 8^oC to 10^oC ▪ Sky is likely to be partly cloudy the coming week ▪ Relative Humidity is likely to range from 32% to 85%. ▪ Wind speed may reach upto 4- 5 kmph ▪ Wind may blow from south easterly direction <p style="background-color: #ffffcc; margin: 0;">Weekly cumulative Rainfall: 9 mm</p>		
General Advisories: Short duration pulse crops and green manuring crops like dhaincha, sunnhemp etc should be planted as pre-kharif crop in fallow paddy lowland/ Terrace Rice field to enhance the soil fertility					
Main crop	Growth Stage	Pest/Disease	Weather based Agro-Advisories		
TRC/WRC paddy	Storage		Keep storage areas, crevices, wooden pallets etc clean by spraying with the recommended insecticide to disinfect insect breeding places. Place sticky traps in the drying and storage areas for rats		
Green gram	Site selection/field preparation		For timely sowing of the seeds, site selection and field preparation should be started		
Naga king chilli	Nursery preparation	Damping off	Before sowing of seeds, seed treatment should be done with Thiram @2gm/litre of water. Avoid over watering and close spacing to avoid damping off		
Assam Lemon			Propagation through cuttings or seeds should be started before the onset of hot weather for citrus.		
Okra	Land preparation		Proper tillage. Apply FYM@15-20 tons/ha. Avoid soil compaction.		
Cucurbitaceous vegetable	Sowing		Sowing should be carried out in the main field		
Poultry	Vaccination of chicks against Ranikhet disease on 5 days old or 5 – 7 days once, one drop in the eyes or nose Chickens showing flu like symptoms should be treated with antibiotic Vendox, N-dox powder. For prevention it should be given for three days and for treatment give for 5 to 7 days.				
Piggery	Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose. Keep floor dry to avoid skin diseases.				
Fishery	Renovate the ponds. Strengthen embankments In case of pond filled with water, check the depth of shallow (less than 2 ft. water level) - harvest the fish or transfer to another pond having sufficient water depth (atleast 3 ft.)				
Main crop	Growth Stage	Pest/Disease	Weather based Agro-Advisories		
TRC/WRC paddy	Storage		Keep storage areas, crevices, wooden pallets etc clean by spraying with the recommended insecticide to disinfect insect breeding		

			places. Place sticky traps in the drying and storage areas for rats
Green gram	Site selection/field preparation		For timely sowing of the seeds, site selection and field preparation should be started
Naga king chilli	Nursery preparation	Damping off	Before sowing of seeds, seed treatment should be done with Thiram @2gm/litre of water. Avoid over watering and close spacing to avoid damping off
Assam Lemon			In the present weather, water sprout, diseases and dried/dead twigs of mandarin, lime should be removed and cut end pasted with Bordeaux paste
Okra	Land preparation		Proper tillage. Apply FYM@15-20 tons/ha. Avoid soil compaction.
Cucurbitaceous vegetable	Sowing		Sowing should be carried out in the main field
Poultry	Oil or fat can be added to feed and energy levels in the feed can be raised to meet the higher energy need of the bird. Provide warm water to the birds Chickens showing flu like symptoms should be treated with antibiotic Vendox, N-dox powder. For prevention it should be given for three days and for treatment give for 5 to 7 days.		
Piggery	Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose. Keep floor dry to avoid skin diseases.		
Fishery	Renovate the ponds. Strengthen embankments In case of pond filled with water, check the depth of shallow (less than 2 ft. water level) - harvest the fish or transfer to another pond having sufficient water depth (atleast 3 ft.)		



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Date: 05.03.19	District: Phek	Bulletin No: 19/2019
Weather of preceding week	Weather forecast valid upto 10.03.2019	
<ul style="list-style-type: none"> ▪ Light rain occurred the past week ▪ Max and min temperatures ranged 19⁰C to 24⁰C and 9⁰C to 10⁰C, respectively. ▪ Relative humidity varied from 27% to 94%. ▪ Wind speed ranged from 3 to 4 kmph 	<ul style="list-style-type: none"> ▪ Probability of light rain ▪ Max temp is likely to be 19⁰C - 23⁰C and min temp 7⁰C to 9⁰C ▪ Sky is likely to be partly cloudy the coming week ▪ Relative Humidity is likely to range from 23% to 86%. ▪ Wind speed may reach upto 3- 4 kmph ▪ Wind may blow southeasterly direction <p style="background-color: #ffffcc; margin: 0;">Weekly cumulative Rainfall: 19 mm</p>	

WEATHER FORECAST BASED AGROMET ADVISORIES

General Advisories: Short duration pulse crops and green manuring crops like dhaincha, sunnhemp etc should be planted as pre-kharif crop in fallow paddy lowland/ Terrace Rice field to enhance the soil fertility

Main crop	Growth Stage	Pest/Disease	Weather based Agro-Advisories
TRC/WRC paddy	Storage		Place sticky traps in the drying and storage areas for rats
Potato	Vegetative stage		
Maize	Land preparation		<i>Early sowing of maize in March-April escapes the attack of most pests and crop rotation should be carried out with other crops as it reduces the pest infestation by interrupting the continuity of the food chain</i>
Cucurbitaceous vegetable	Sowing		<i>Sowing should be carried out in the main field</i>
Khasi mandarin			<i>Prepare basin around the plants followed by mulching with local grasses.</i>
Summer crops			<i>Farmers are advised to go for sowing of summer vegetables like ladies finger, cucurbitaceous crops like gourd, pumpkin, ridge gourd, ash gourd, spine gourd etc. and certified seeds should be use to produce good yield.</i>
Poultry	Vaccination of chicks against Ranikhet disease on 5 days old or 5 – 7 days once, one drop in the eyes or nose Chickens showing flu like symptoms should be treated with antibiotic Vendox, N-dox powder. For prevention it should be given for three days and for treatment give for 5 to 7 days.		
Piggery	Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose. Keep floor dry to avoid skin diseases.		
Fishery	Renovate the ponds. Strengthen embankments In case of pond filled with water, check the depth of shallow (less than 2 ft. water level) - harvest the fish or transfer to another pond having sufficient water depth (atleast 3 ft.)		



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Date: 05.03.19	District: Tuensang	Bulletin No: 19/2019
Weather of preceding week		Weather forecast valid upto 10.03.2019
<ul style="list-style-type: none"> ▪ Light rain occurred the past week ▪ Max and min temperatures ranged 16⁰C to 23⁰C and 10⁰C to 14⁰C, respectively. ▪ Relative humidity varied from 25% to 85%. ▪ Wind speed ranged from 3 to 4 kmph 		<ul style="list-style-type: none"> ▪ Probability of light rain on 6th ▪ Max temp is likely to be 18⁰C-23⁰C and min temp 7⁰C to 11⁰C ▪ Sky is likely to be partly cloudy the coming week ▪ Relative Humidity is likely to range from 25% to 80%. ▪ Wind speed may reach upto 2- 3 kmph ▪ Wind may blow from mostly south easterly direction <p style="margin-left: 20px;">Weekly cumulative Rainfall: 10 mm</p>

WEATHER FORECAST BASED AGROMET ADVISORIES

General Recommendations

In the present weather, start sowing of summer crops

Main crop	Growth Stage	Pest/Disease	Weather based Agro-Advisories
<i>Jhum paddy</i>	Sowing	Blast	<i>To manage blast, use high quality, disease free seeds for sowing, Destroy the infested residue, stubbles, grass and weeds present around the field. They act as a source for the infection</i>
<i>TRC/WRC paddy</i>	Storage		<i>Storage rooms should be physically rodent and bird proof, if possible, place sticky traps in the drying and storage areas for rats.</i>
<i>Potato</i>	Nursery	Brown rot	<i>Try to finish sowing by first week of March to reduce the severity of the disease Sort out the tubers showing disease symptoms before planting to reduce the further chances of disease spread. Healthy seed should be selected.</i>
<i>Rajmash</i>	Vegetative stage		<i>In the present weather, Gap filling should be carried out</i>
<i>Cucurbitaceous vegetable</i>	Sowing		<i>Sowing should be carried out in the main field</i>
<i>Khasi Mandarin</i>	Post harvesting stage		<i>In the present weather, water sprout, diseases and dried/dead twigs of mandarin should be removed after harvesting and cut end pasted with Bordeaux paste</i>
Poultry	Artificial heating through lighting of electric bulb at poultry house during night time may protect the birds from fall of night temperature and reduce the incidence of mortality Chickens showing flu like symptoms should be treated with antibiotic Vendox, N-dox powder. For prevention it should be given for three days and for treatment give for 5 to 7 days		
Piggery	Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose. Keep floor dry to avoid skin diseases.		
Fishery	Harvest the fish in pond having less water depth It is advisable to renovate ponds by removing the bottom mud and allow to dry.		



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Date: 05.03.19	District: Wokha	Bulletin No: 19/2019
Weather of preceding week		Weather forecast valid upto 10.03.2019
<ul style="list-style-type: none"> ▪ Light rain occurred the past week ▪ Max and min temperatures ranged 19^oC to 26^oC and 9^oC to 10^oC respectively. ▪ Relative humidity varied from 38% to 90%. ▪ Wind speed ranged from 5 to 6 kmph 		<ul style="list-style-type: none"> ▪ Probability of light rain ▪ Max temp is likely to be 20^oC-24^oC and min temp 9^oC to 10^oC ▪ Sky is likely to be partly cloudy the coming week ▪ Relative Humidity is likely to range from 41% to 80%. ▪ Wind speed may reach upto 5-6 kmph ▪ Wind may blow from easterly direction <p>Weekly cumulative Rainfall: 13 mm</p>

WEATHER FORECAST BASED AGROMET ADVISORIES

General Recommendations: Short duration pulse crops and green manuring crops like dhaincha, sunnhemp etc should be planted as pre-kharif crop in fallow paddy lowland/ Terrace Rice field to enhance the soil fertility

Main crop	Growth Stage	Pest/Disease	Weather based Agro-Advisories
<i>Jhum paddy</i>	Sowing	Blast	<i>To manage blast, use high quality, disease free seeds for sowing, Destroy the infested residue, stubbles, grass and weeds present around the field. They act as a source for the infection</i>
Potato	Sowing		<i>Treat the tubers with bioagent Trichoderma spp @ 20gm in 1 litre of water for 15-20 mins and shade dry. Regular monitoring of disease should be done.</i>
<i>Maize</i>	Land preparation	-	<i>Early sowing of maize in March-April escapes the attack of most pests and crop rotation should be carried out with other crops as it reduces the pest infestation by interrupting the continuity of the food chain. Use resistant varieties in consultation with your respective agri department.</i>
<i>Brinjal</i>	Nursery		<i>Prepare the nursery bed, the soil should be fine and seeds should be sown thinly in rows 10cm apart and 0.5cm deep. Mulch with dry straw or grass whenever it is necessary.</i>
<i>Summer crops</i>			<i>Farmers are advised to go for sowing of summer vegetables like ladies finger, cucurbitaceous crops like gourd, pumpkin, ridge gourd, ash gourd, spine gourd etc. and certified seeds should be use to produce good yield.</i>
<i>Citrus</i>	Propagation	-	<i>Propagation through cuttings or seeds should be started before the onset of hot weather for citrus. For young trees to encourage good growth, a weed free area should be maintained atleast 4 feet diameter around the young trees.</i>
<i>Poultry</i>		Ranikhet disease	<i>Vaccination of chicks against Ranikhet disease on 5 days old or 5 – 7 days once, one drop in the eyes or nose</i>
<i>Piggery</i>		Swine fever	<i>Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose. Keep floor dry to avoid skin diseases.</i>
<i>Fishery</i>			<i>Renovate the ponds. Strengthen embankments</i>

			In case of pond filled with water, check the depth of shallow (less than 2 ft. water level) - harvest the fish or transfer to another pond having sufficient water depth (atleast 3 ft.)
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Date: 05.03.19	District: Zunheboto	Bulletin No: 19/2019
Weather of preceding week		Weather forecast valid upto 10.03.2019
<ul style="list-style-type: none"> ▪ Light rain occurred the past week ▪ Max and min temperatures ranged 18⁰C to 25⁰C and 10⁰C to 14⁰C, respectively. ▪ Relative humidity varied from 30% to 86%. ▪ Wind speed ranged from 3 to 4 kmph 		<ul style="list-style-type: none"> ▪ Probability of light rain on 6th ▪ Max temp is likely to be 20⁰C- 24⁰C and min temp 9⁰C to 10⁰C ▪ Sky is likely to be partly cloudy the coming week ▪ Relative Humidity is likely to range from 38% to 90%. ▪ Wind speed may reach upto 3-4 kmph ▪ Wind may blow from south easterly direction <p style="background-color: #ffffcc; margin-top: 5px;">Weekly cumulative Rainfall: 13 mm</p>

WEATHER FORECAST BASED AGROMET ADVISORIES

General Recommendations: Short duration pulse crops and green manuring crops like dhaincha, sunnhemp etc should be planted as pre-kharif crop in fallow paddy lowland/ Terrace Rice field to enhance the soil fertility

Main crop	Growth Stage	Pest/Disease	Weather based Agro-Advisories
<i>Jhum paddy</i>	Sowing	Blast	<i>To manage blast, use high quality, disease free seeds for sowing, Destroy the infested residue, stubbles, grass and weeds present around the field. They act as a source for the infection</i>
Potato	Sowing		<i>Treat the tubers with bioagent Trichoderma spp @ 20gm in 1 litre of water for 15-20 mins and shade dry. Regular monitoring of disease should be done.</i>
<i>Maize</i>	Land preparation	-	<i>Early sowing of maize in March-April escapes the attack of most pests and crop rotation should be carried out with other crops as it reduces the pest infestation by interrupting the continuity of the food chain. Use resistant varieties in consultation with your respective agri department.</i>
<i>Brinjal</i>	Nursery		<i>Prepare the nursery bed, the soil should be fine and seeds should be sown thinly in rows 10cm apart and 0.5cm deep. Mulch with dry straw or grass whenever it is necessary.</i>
Summer crops			<i>Farmers are advised to go for sowing of summer vegetables like ladies finger, cucurbitaceous crops like gourd, pumpkin, ridge gourd, ash gourd, spine gourd etc. and certified seeds should be use to produce good yield.</i>
<i>Citrus</i>	Propagation	-	<i>Propagation through cuttings or seeds should be started before the onset of hot weather for citrus. For young trees to encourage good growth, a weed free area should be maintained atleast 4 feet diameter around the young trees.</i>
<i>Poultry</i>		Ranikhet disease	<i>Vaccination of chicks against Ranikhet disease on 5 days old or 5 – 7 days once, one drop in the eyes or nose</i>
<i>Piggery</i>		Swine fever	<i>Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose. Keep floor dry to avoid skin diseases.</i>
<i>Fishery</i>			<i>Renovate the ponds. Strengthen embankments</i>

			In case of pond filled with water, check the depth of shallow (less than 2 ft. water level) - harvest the fish or transfer to another pond having sufficient water depth (atleast 3 ft.)
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